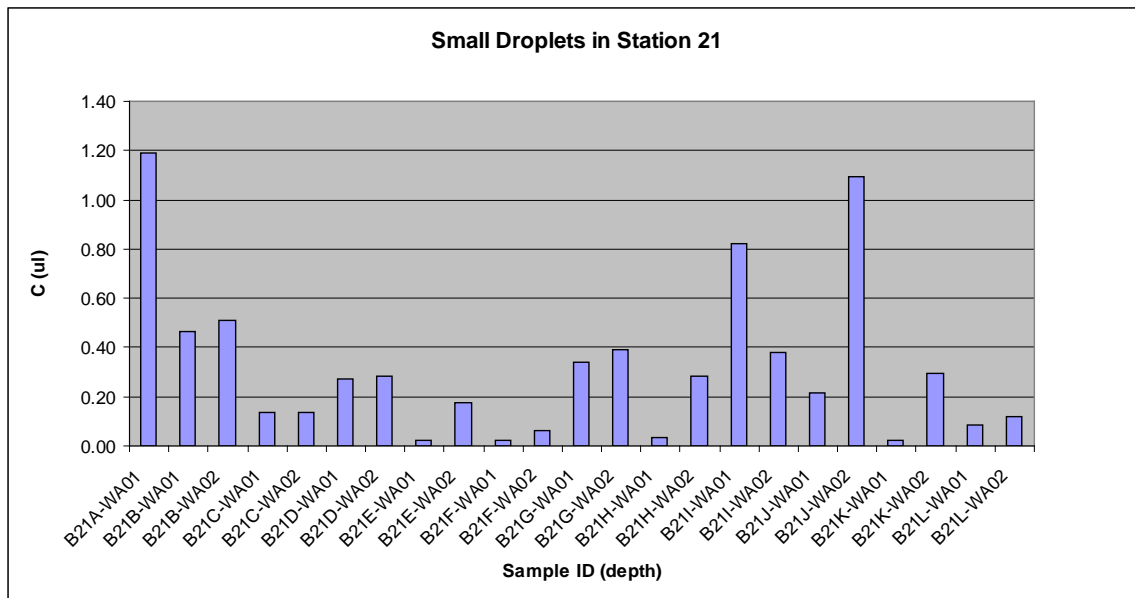
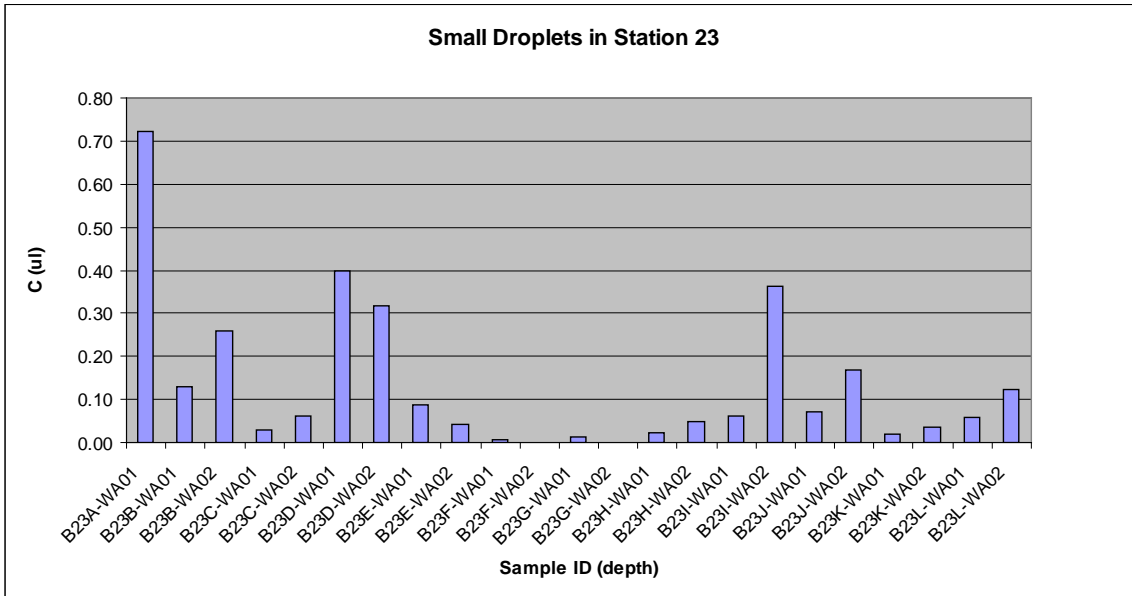
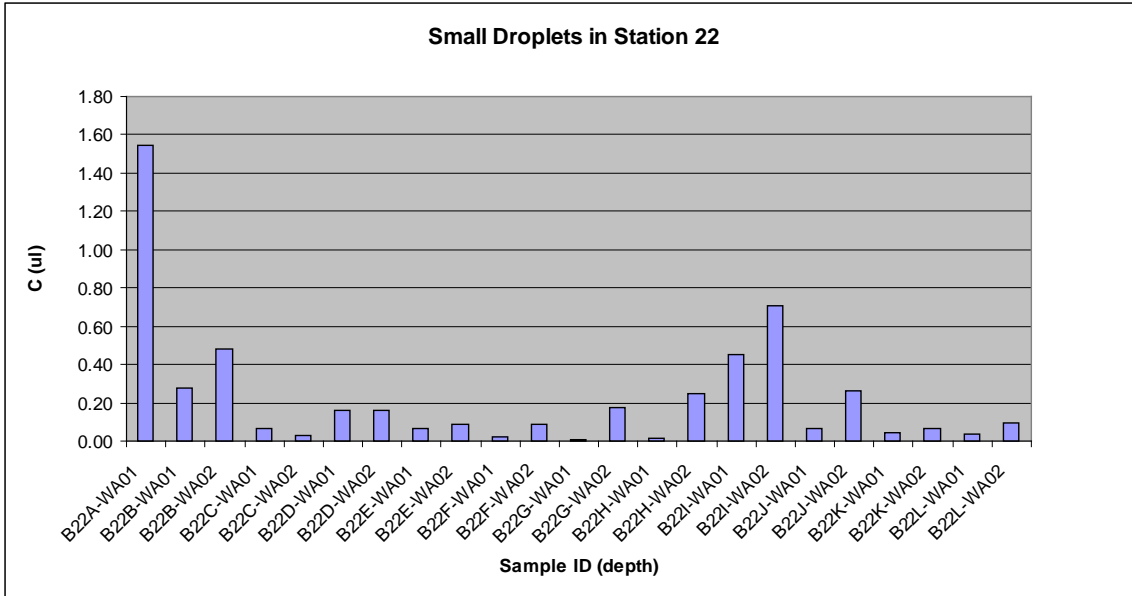


Evidence of dispersed oil droplets using the LISST-100X particle counter
May 16, 2010

Four additional were sampled today for water column CTD, particle size distribution, as well as hydrocarbon analysis.

Figure 1 presents the small droplet particle size data for the four stations, i.e., 21, 22, 23, and 24. Consistent with the observation made on May 15, 2010, the data illustrates that at the surface (0.5m and 2m), there were significant amount of small particles that can be detected. In the next six depths, small particles were detectable but with low concentration. The second highest small droplet concentrations were observed at lower depths ranging from 1000 to 1300 m for all four stations. These results are closely related to the in-situ fluorometry measurements.





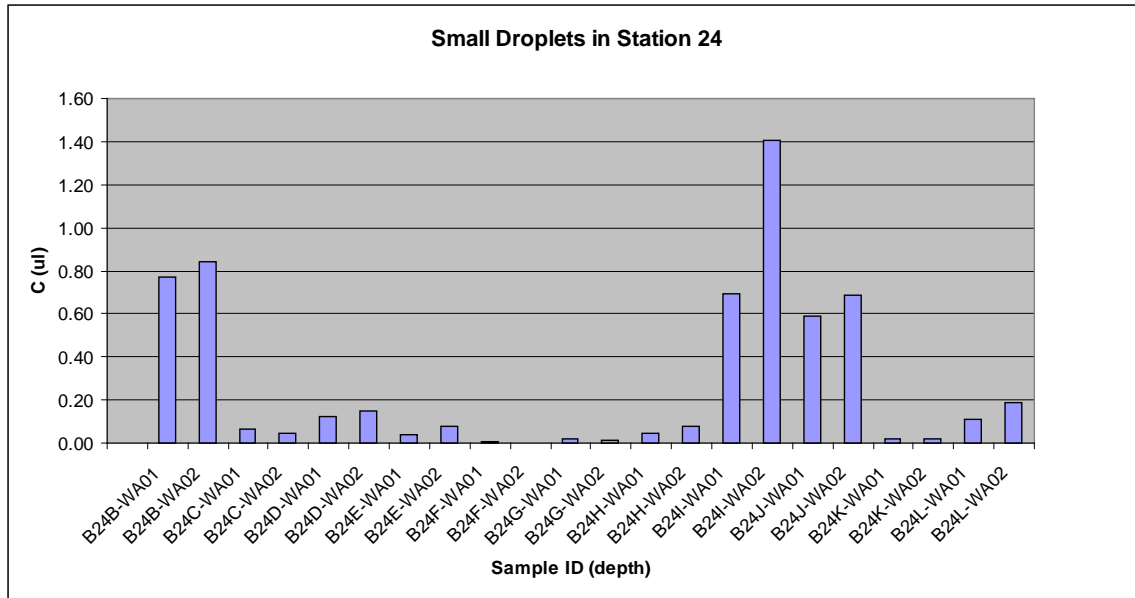


Figure1: Average small droplet concentration as a function of depth from stations 21 ~ 24.